US 219 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS (TO BE REMOVED)

12 STOP

15 YIELD

20 SOUTH 219 NORTH 219

EXISTING SIGNS (TO REMAIN)

13 GLENDALE RD

14 GARRETT HWY

17 LEFT TURN YIELD ON GREEN R10-12 36"x42"

16 YIELD R12 36"

18,19 NEW TEMPORARY SIGN W 3-3 48"x48"

PROPOSED SIGNS

21,22 Garrett HWY D-3(1) (VARIABLEx16")

23 Glendale RD

24 Glendale RD D-3(11) DUAL FACE (VARIABLEx16")

25 SOUTH 219 48"x75" SHIELD ASSEMBLY

26 NORTH 219 30"x51" SHIELD ASSEMBLY

27 NORTH 219 48"x75" SHIELD ASSEMBLY

28 SOUTH 219 30"x51" SHIELD ASSEMBLY

PROPOSED SIGNALS

1,2,5,7, 8,10,11 R Y G 12"

9 R Y G 8"

3 R Y G 12"/8"

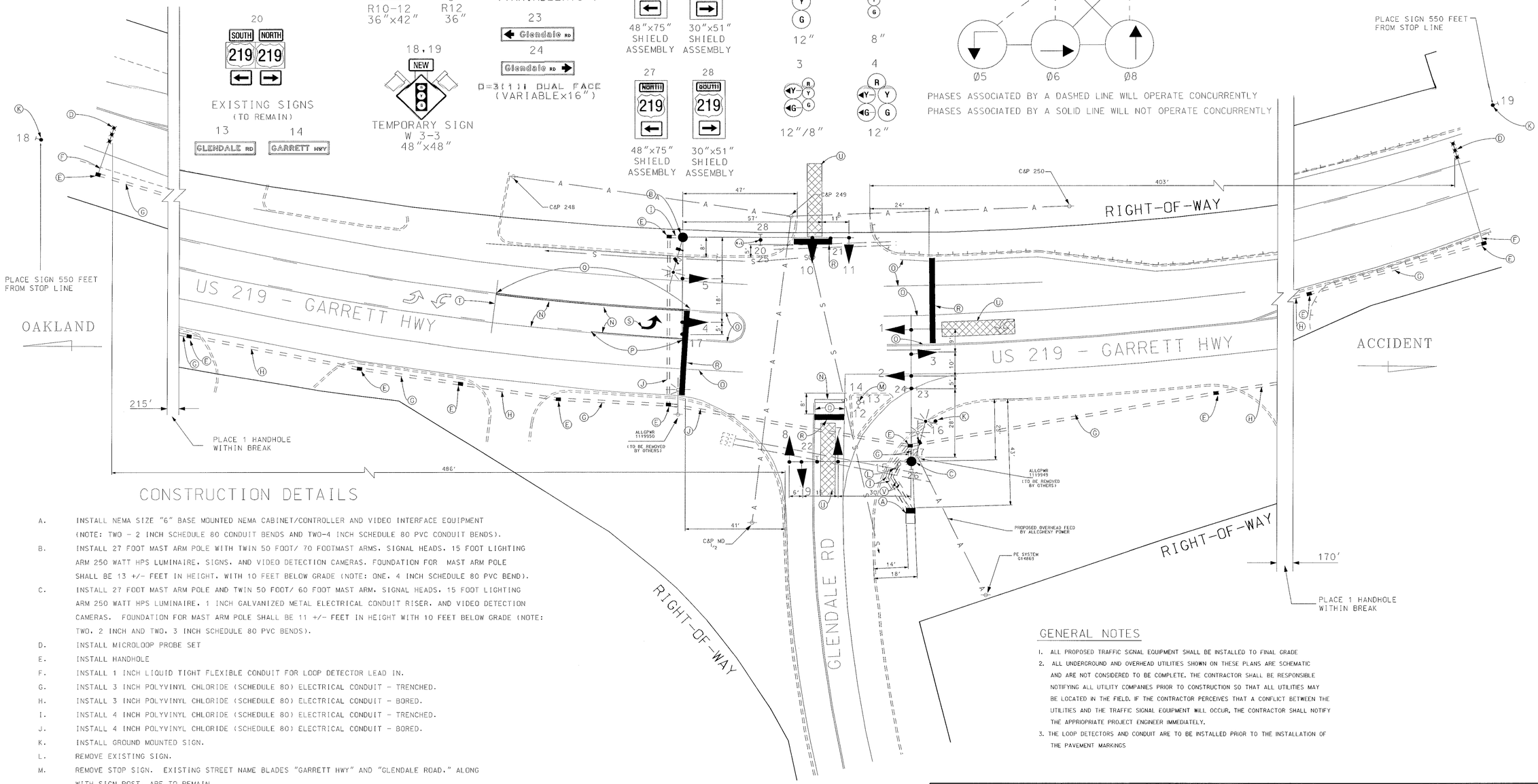
4 R Y G 12"

Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. INSTALL NEMA SIZE "6" BASE MOUNTED NEMA CABINET/CONTROLLER AND VIDEO INTERFACE EQUIPMENT (NOTE: TWO - 2 INCH SCHEDULE 80 CONDUIT BENDS AND TWO-4 INCH SCHEDULE 80 PVC CONDUIT BENDS).

B. INSTALL 27 FOOT MAST ARM POLE WITH TWIN 50 FOOT/ 70 FOOTMAST ARMS, SIGNAL HEADS, 15 FOOT LIGHTING ARM 250 WATT HPS LUMINAIRE, SIGNS, AND VIDEO DETECTION CAMERAS. FOUNDATION FOR MAST ARM POLE SHALL BE 13 +/- FEET IN HEIGHT, WITH 10 FEET BELOW GRADE (NOTE: ONE, 4 INCH SCHEDULE 80 PVC BEND).

C. INSTALL 27 FOOT MAST ARM POLE AND TWIN 50 FOOT/ 60 FOOT MAST ARM, SIGNAL HEADS, 15 FOOT LIGHTING ARM 250 WATT HPS LUMINAIRE, 1 INCH GALVANIZED METAL ELECTRICAL CONDUIT RISER, AND VIDEO DETECTION CAMERAS. FOUNDATION FOR MAST ARM POLE SHALL BE 11 +/- FEET IN HEIGHT WITH 10 FEET BELOW GRADE (NOTE: TWO, 2 INCH AND TWO, 3 INCH SCHEDULE 80 PVC BENDS).

D. INSTALL MICROLOOP PROBE SET

E. INSTALL HANDHOLE

F. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE CONDUIT FOR LOOP DETECTOR LEAD IN.

G. INSTALL 3 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.

H. INSTALL 3 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.

I. INSTALL 4 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED.

J. INSTALL 4 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - BORED.

K. INSTALL GROUND MOUNTED SIGN.

L. REMOVE EXISTING SIGN.

M. REMOVE STOP SIGN. EXISTING STREET NAME BLADES "GARRETT HWY" AND "GLENDALE ROAD," ALONG WITH SIGN POST, ARE TO REMAIN

N. GRIND OUT EXISTING PAVEMENT MARKINGS.

O GRIND OUT EXISTING PAVEMENT MARKINGS BETWEEN PROPOSED STOP BAR AND INTERSECTION

P. INSTALL 5 INCH WIDE SOLID WHITE PAVEMENT MARKING FOR LANE LINE.

Q. INSTALL 5 INCH WIDE SOLID DOUBLE YELLOW PAVEMENT MARKING FOR LANE LINE.

R. INSTALL 24 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS FOR STOP LINE

S. INSTALL WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING-ARROW

T. TIE INTO EXISTING PAVEMENT MARKINGS.

U. VIDEO DETECTION AREA

V INSTALL 2 INCH POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - TRENCHED

GENERAL NOTES

1. ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT CONSIDERED TO BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPRIOPRIATE PROJECT ENGINEER IMMEDIATELY.
3. THE LOOP DETECTORS AND CONDUIT ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS

UTILITY LEGEND

- G G GAS MAIN
- W W WATER MAIN
- S S SEWER MAIN
- E E ELECTRIC CABLES
- A A AERIAL CABLES
- T T TELEPHONE CABLES

REVISIONS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 6/01/01

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

US 219 AT GLENDALE ROAD

DRAWN BY:	B. KIEDROWSKI	F.A.P. NO.		TS NO. 4096	SHEET NO. 1 OF 2
CHECKED BY:		S.H.A. NO.	XX1005785		
SCALE:	1"=20'	COUNTY:	GARRETT	T.I.M.S. NO. E406	
DATE:	6/01/01	LOG MILE:	1102919.56		